

Fig. 1A

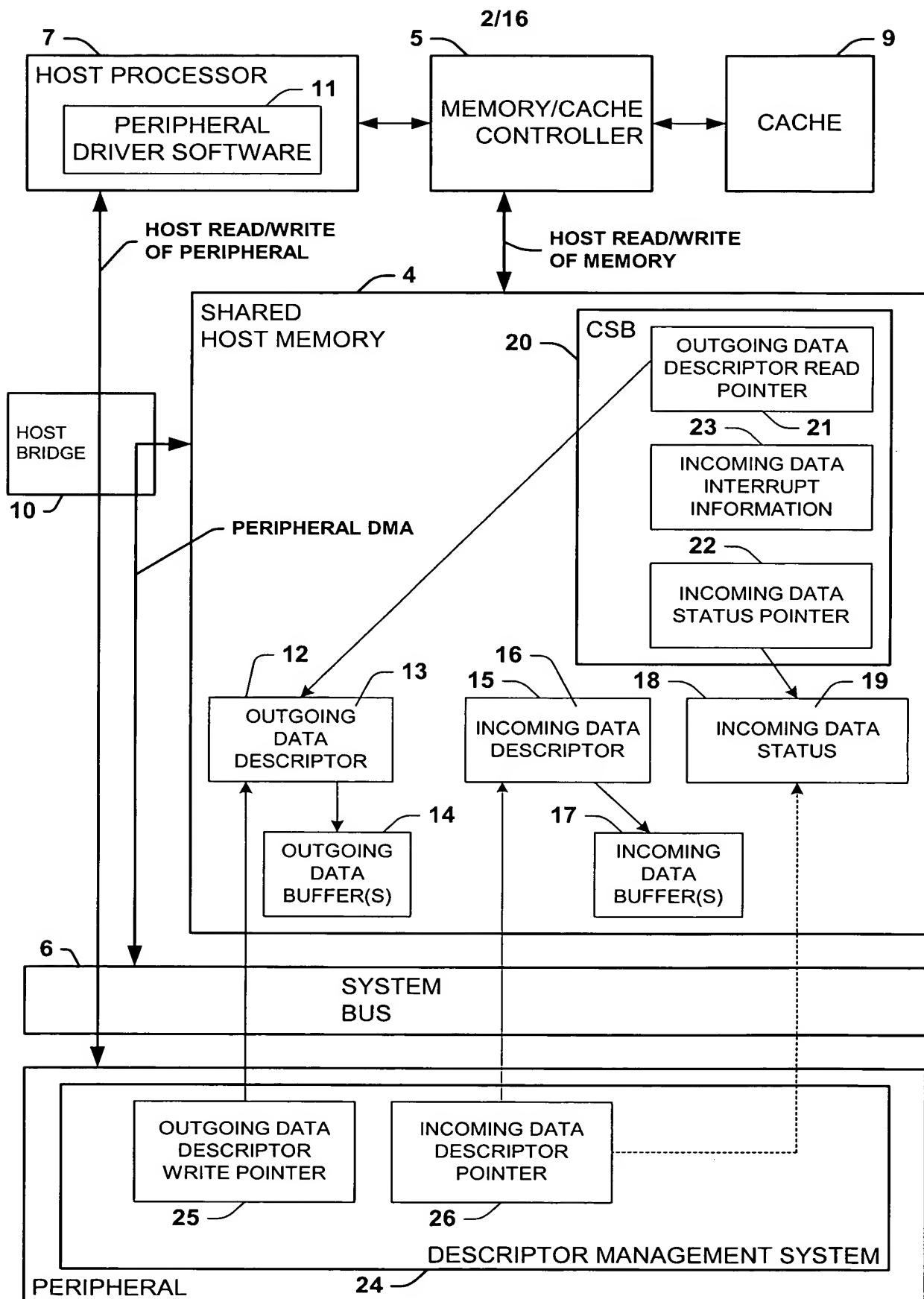


Fig. 1B

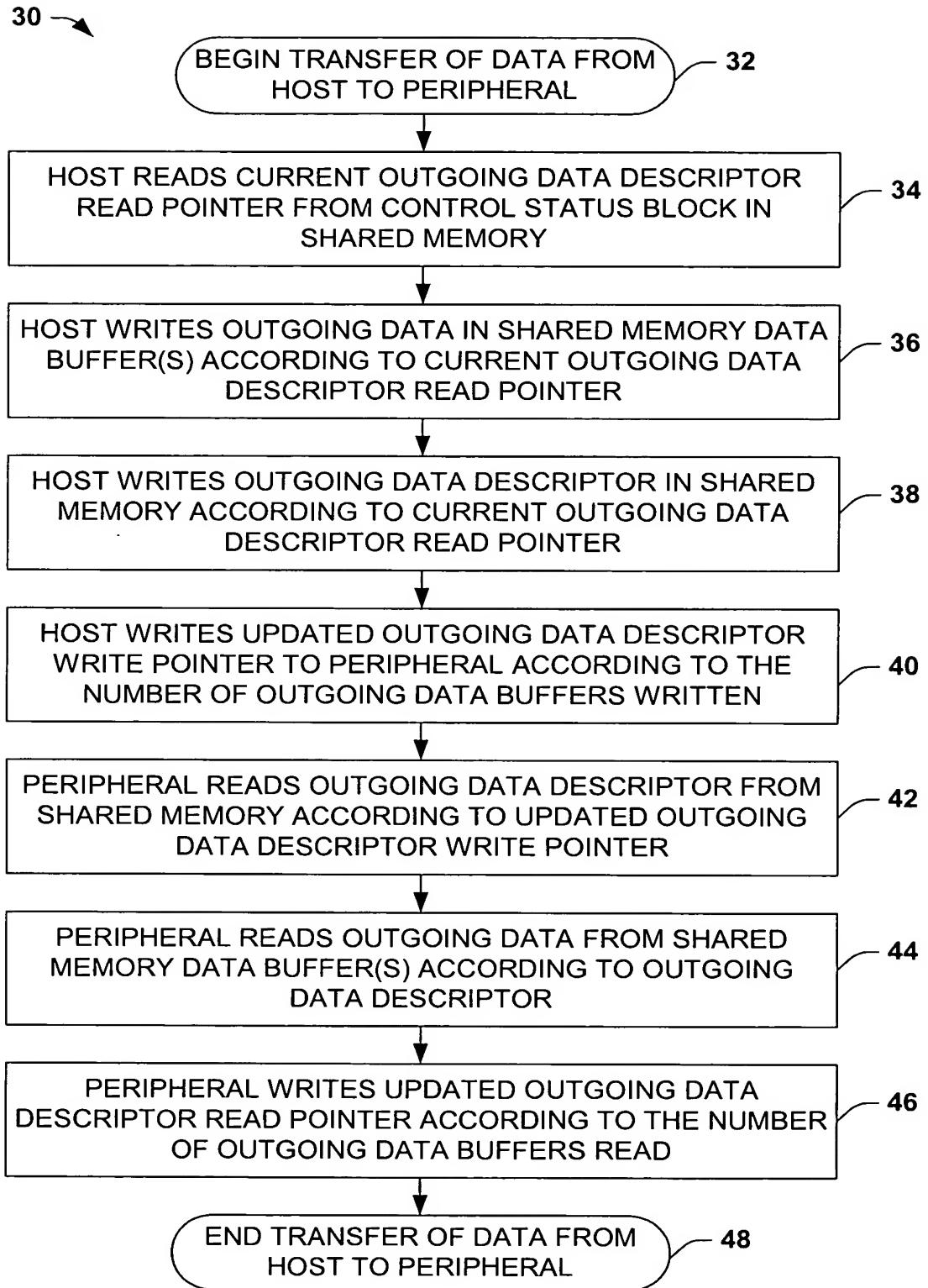


Fig. 1C

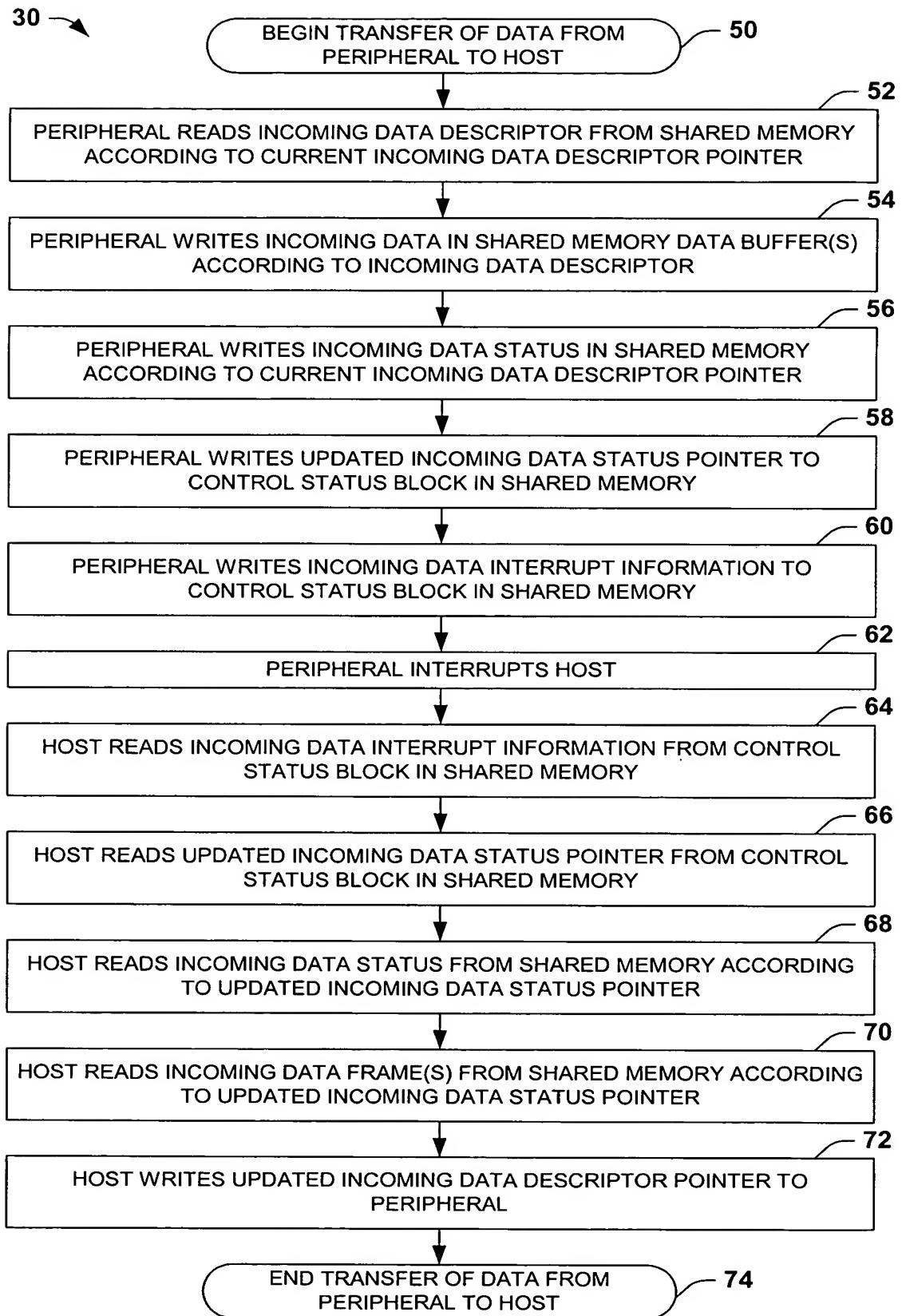


Fig. 1D

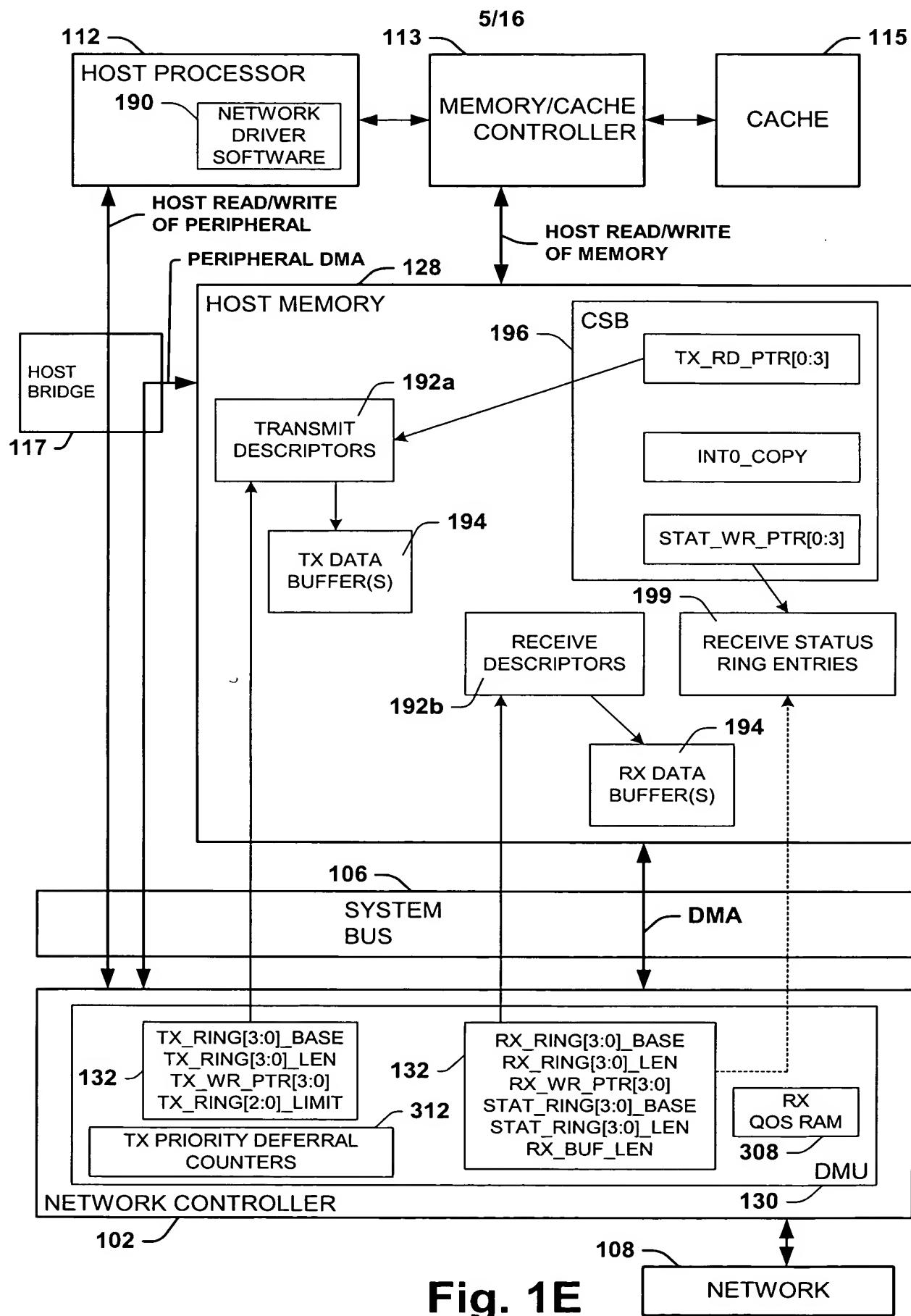


Fig. 1E

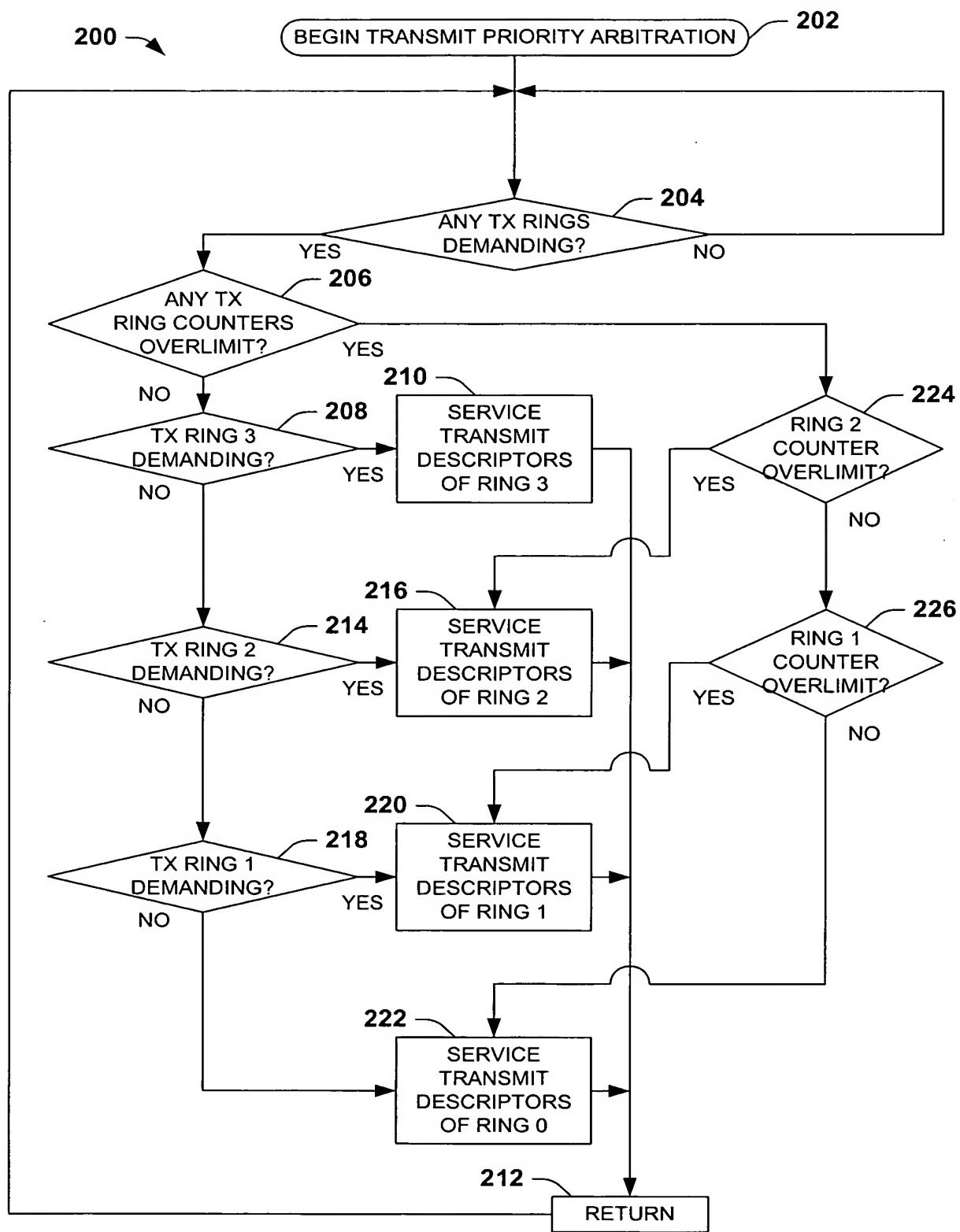


Fig. 1F

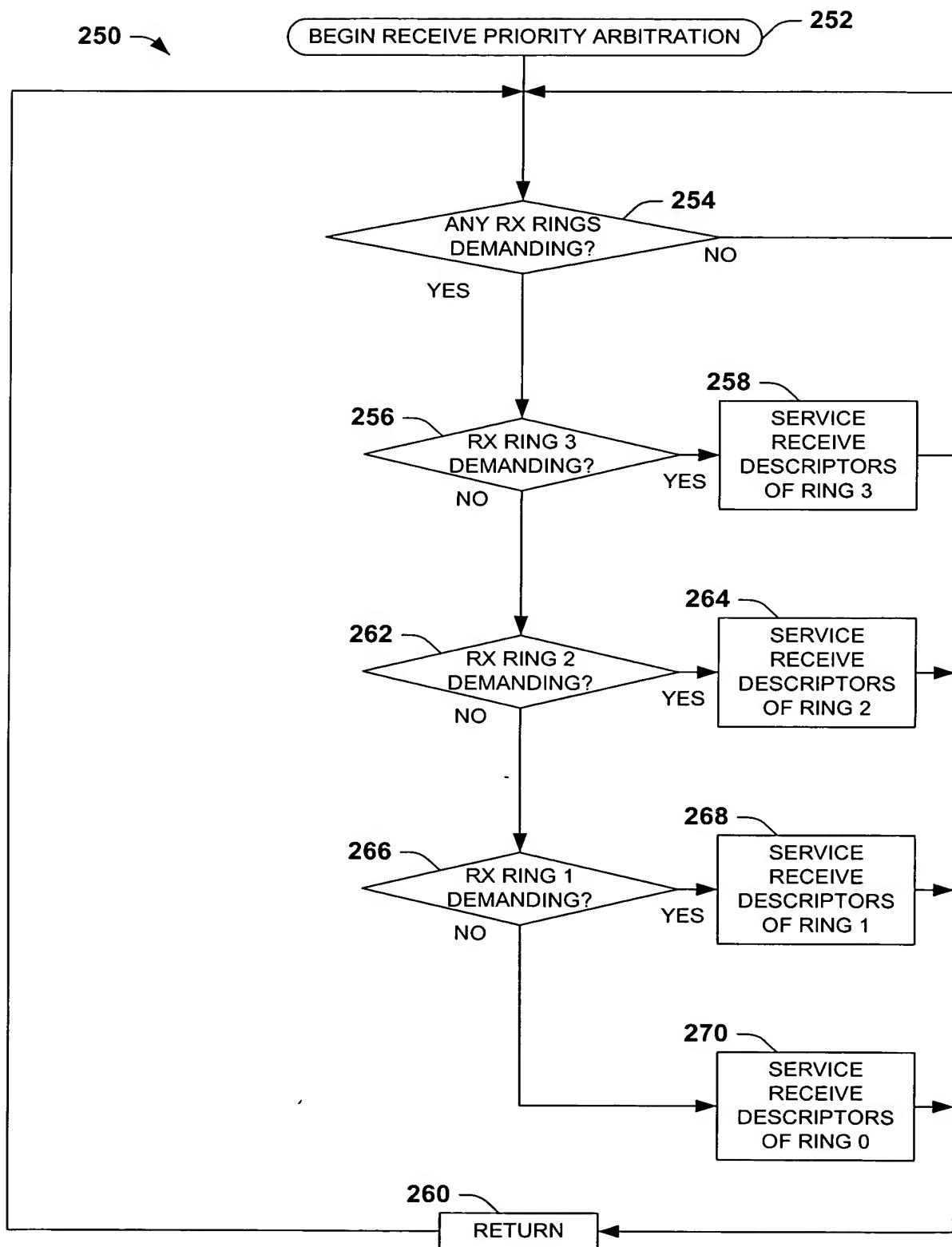
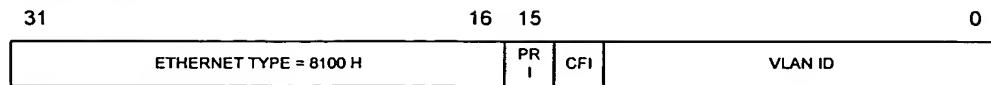
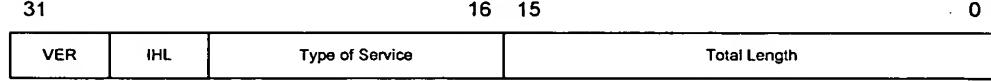


Fig. 1G

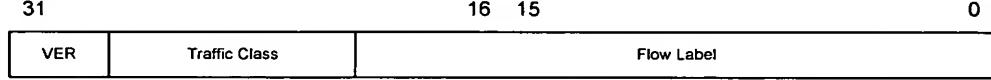
802.1 QTag



300

IPv4 Header
(1st word)

302

IPv6 Header
(1st word)

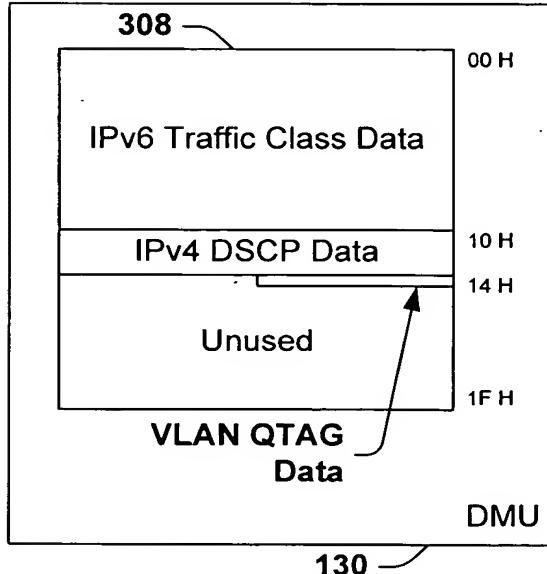
304

Fig. 1H

306

PREF_QTAG	ALT_PRI_OK	QTAG EXISTS	IP HEADER EXISTS	PRIORITY SOURCE
1	X	YES	X	QTAG
1	0	NO	X	DEFAULT REGISTER
1	1	NO	YES	IP HEADER
X	X	NO	NO	DEFAULT REGISTER
0	X	X	YES	IP HEADER
0	0	X	NO	DEFAULT REGISTER
0	1	YES	NO	QTAG

Fig. 1I



308

310

PRIORITY SOURCE	VALUE	RAM ADDRESS	BITS
Traffic Class	00 H	00 H	1:0
Traffic Class	0F H	00 H	31:30
Traffic Class	10 H	01 H	1:0
Traffic Class	F0 H	0F H	1:0
DSCP	30 H	13 H	1:0
DSCP	3F H	13 H	31:30
QTAG PRIORITY	0	14 H	1:0
QTAG PRIORITY	7	14 H	15:14

Fig. 1J

Fig. 1K

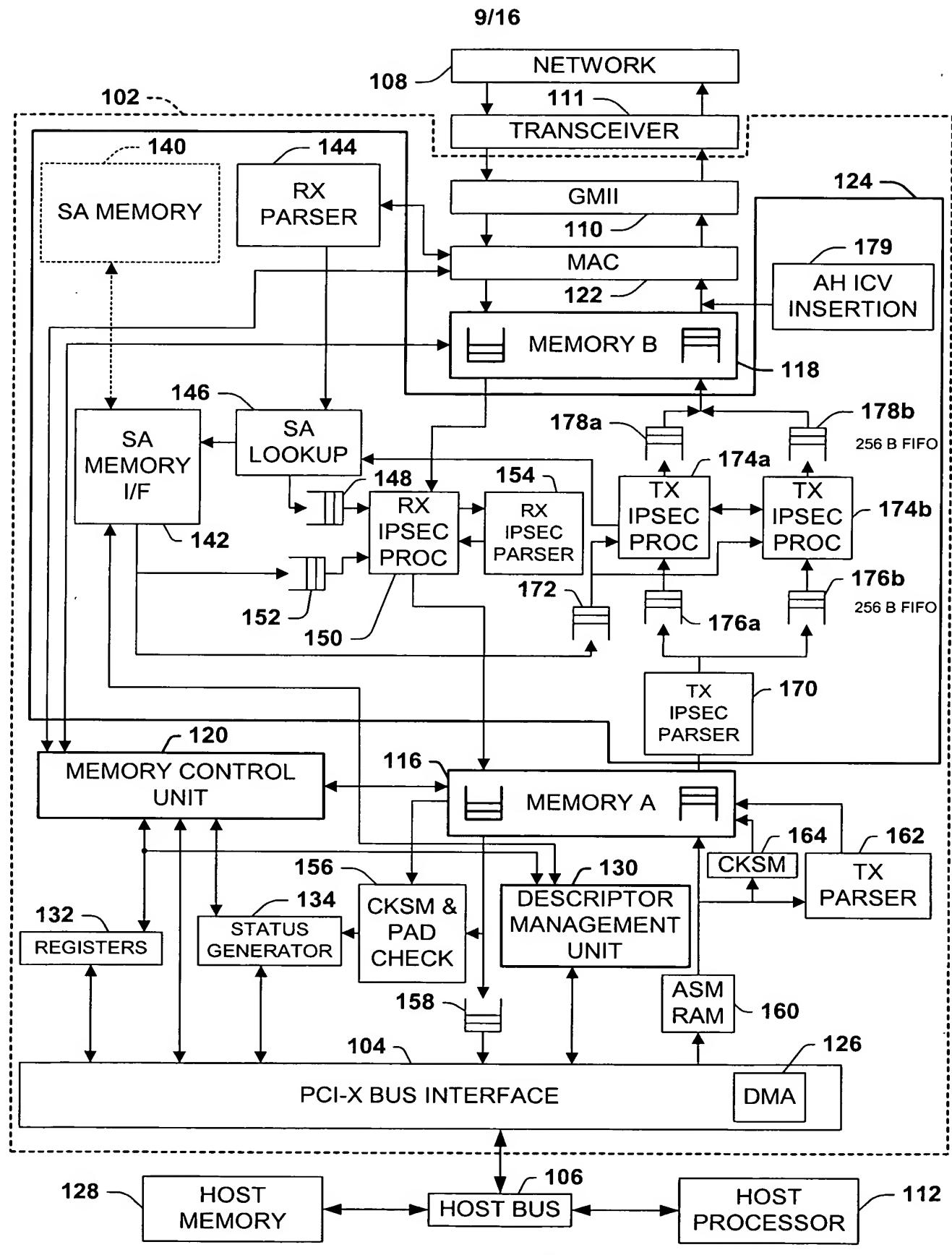


Fig. 2

180

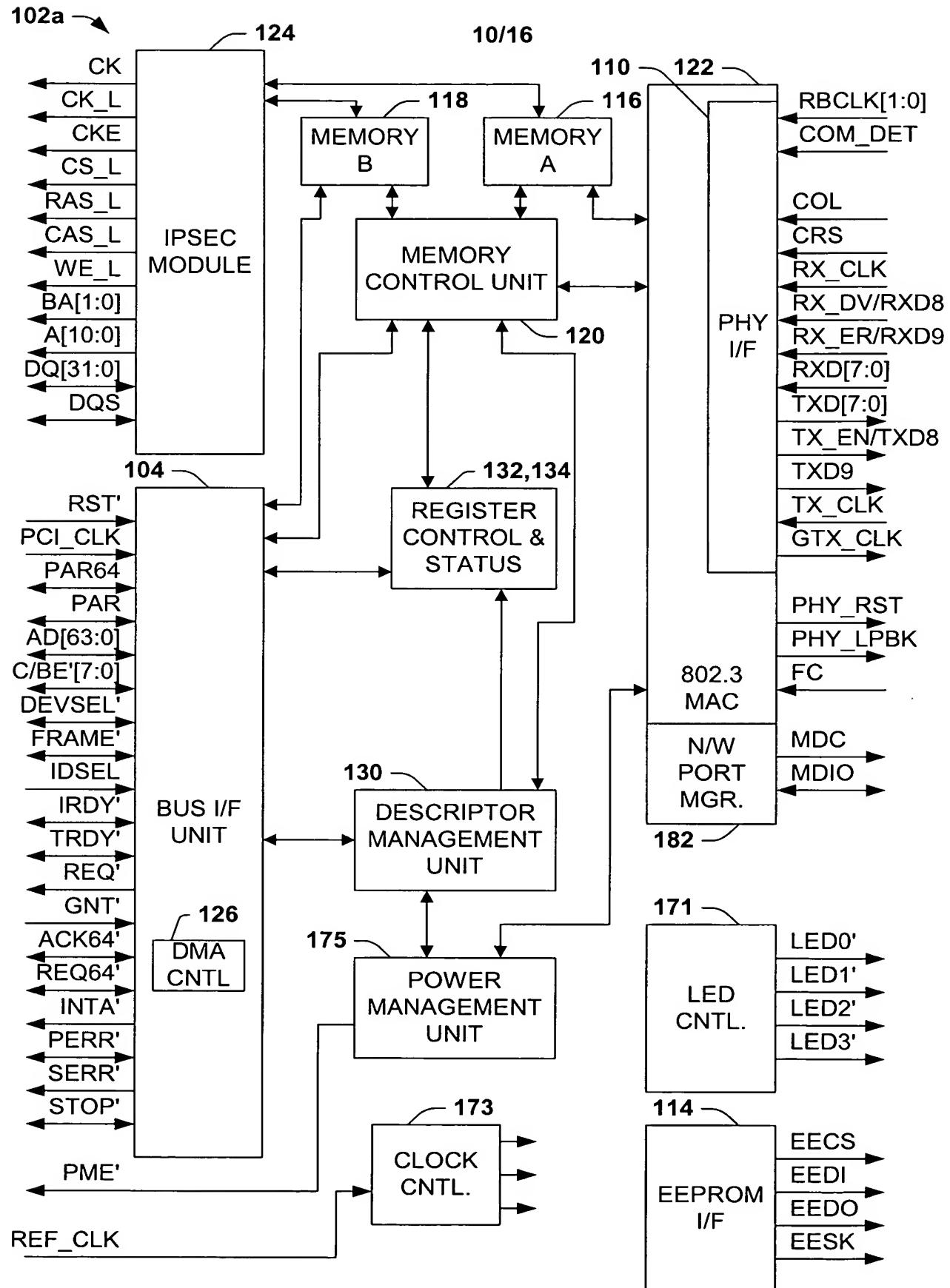


Fig. 3

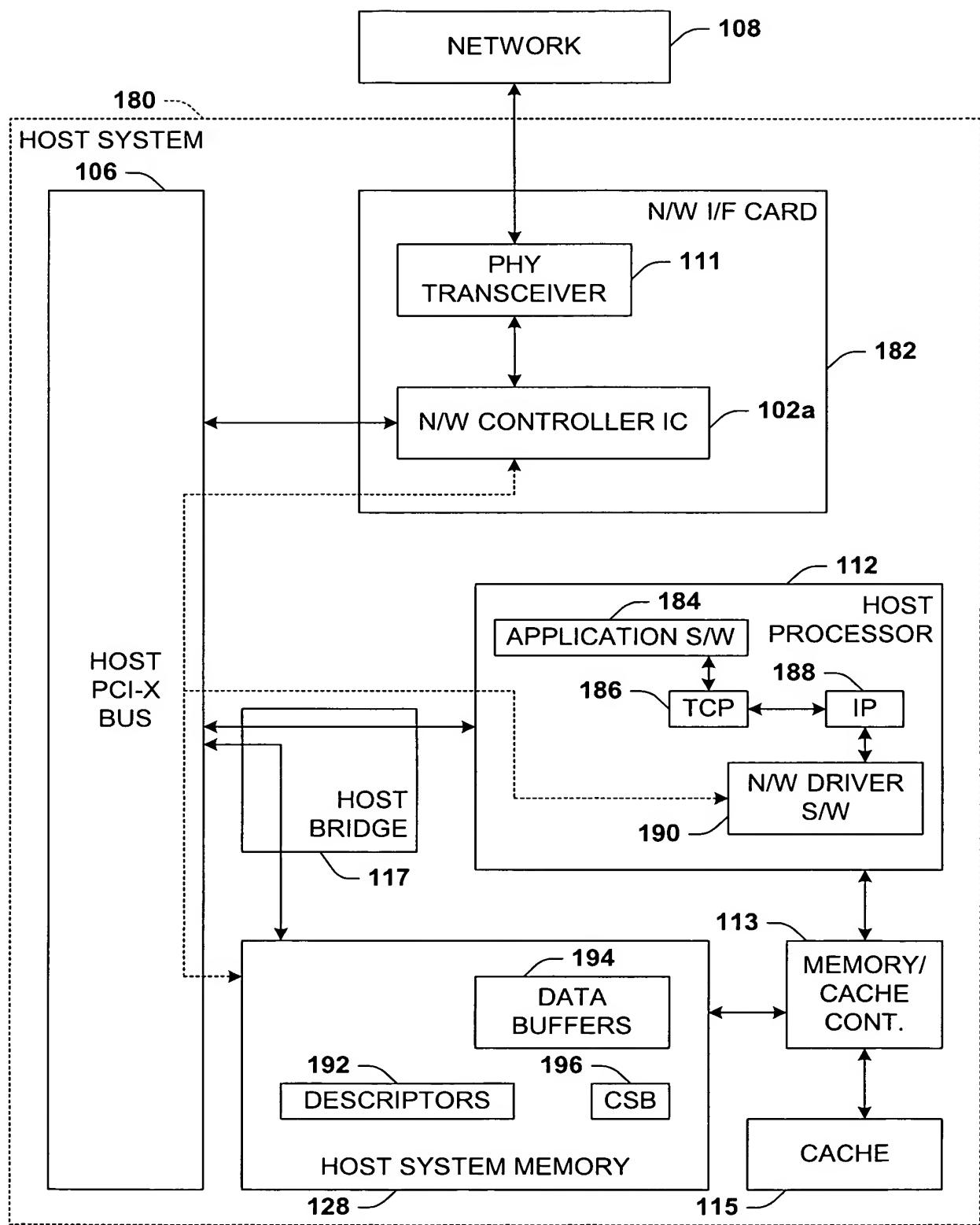


Fig. 4

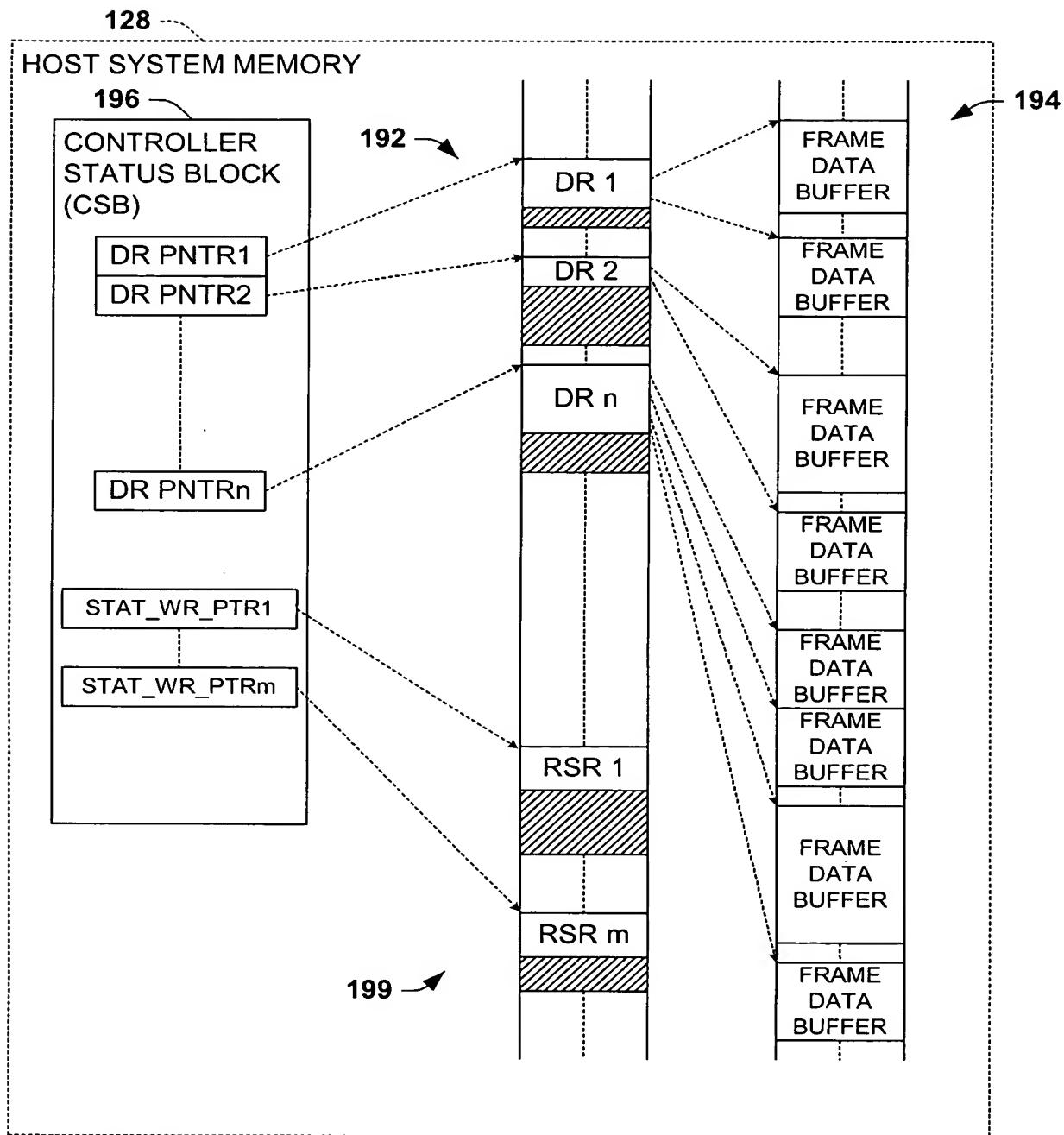
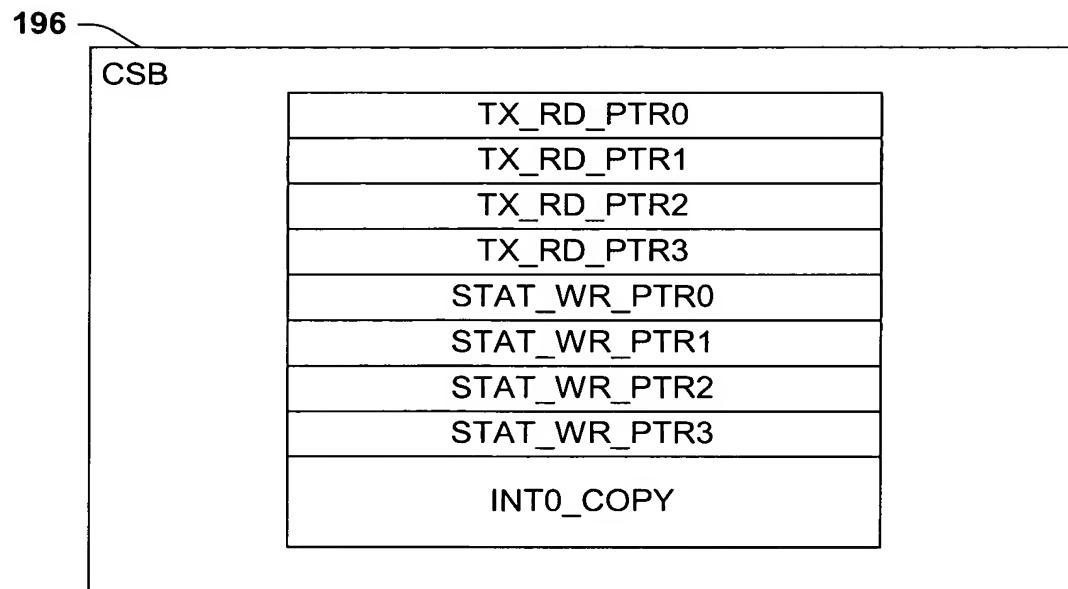
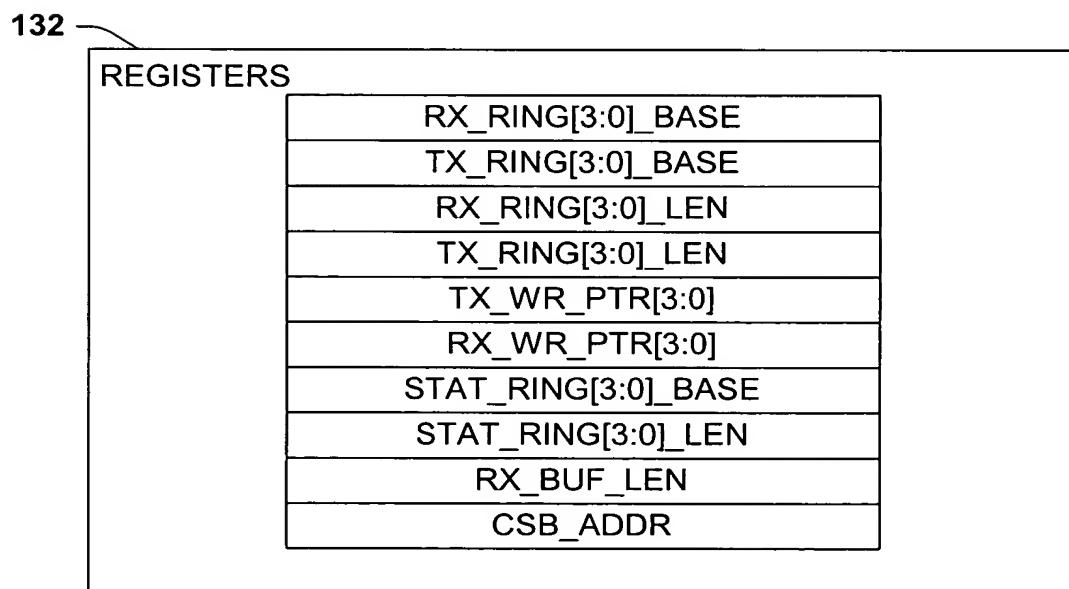


Fig. 5A

**Fig. 5B****Fig. 5C**

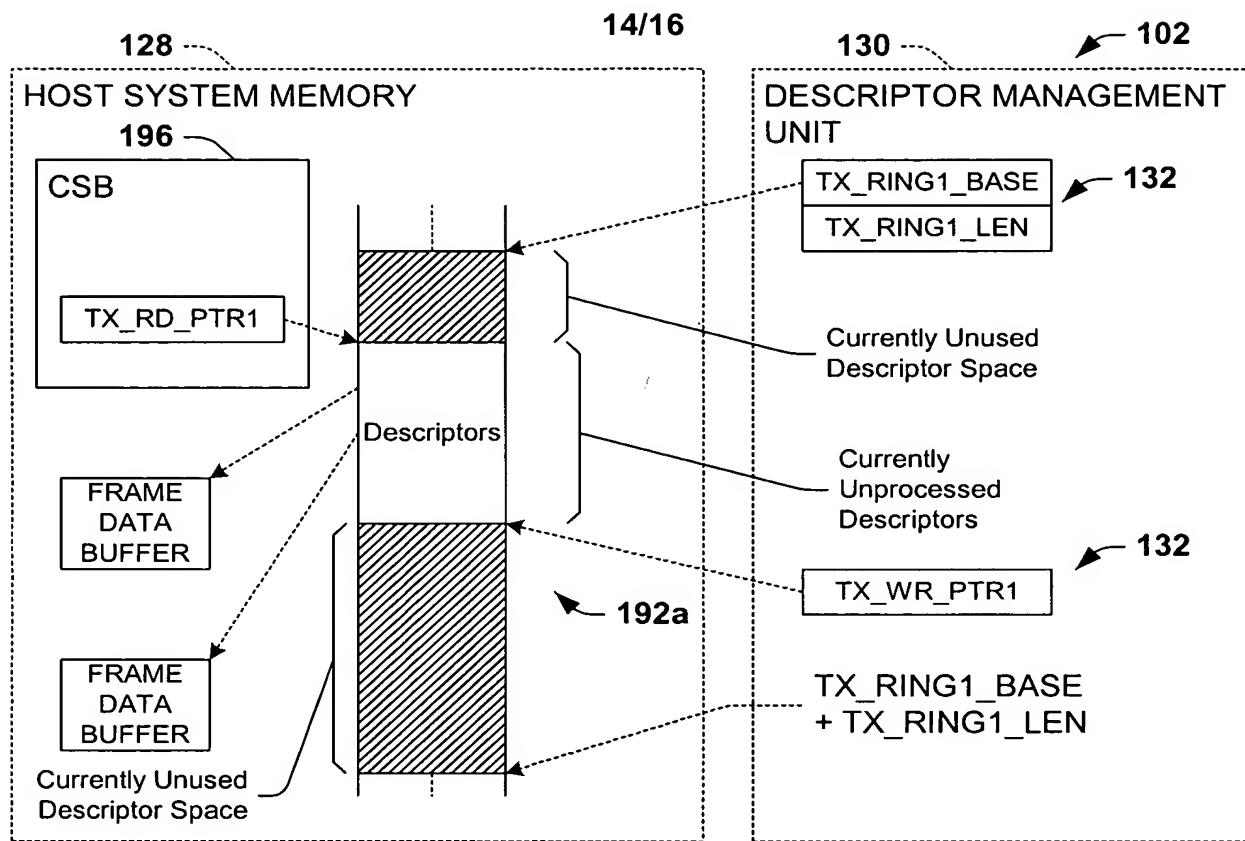


Fig. 5D

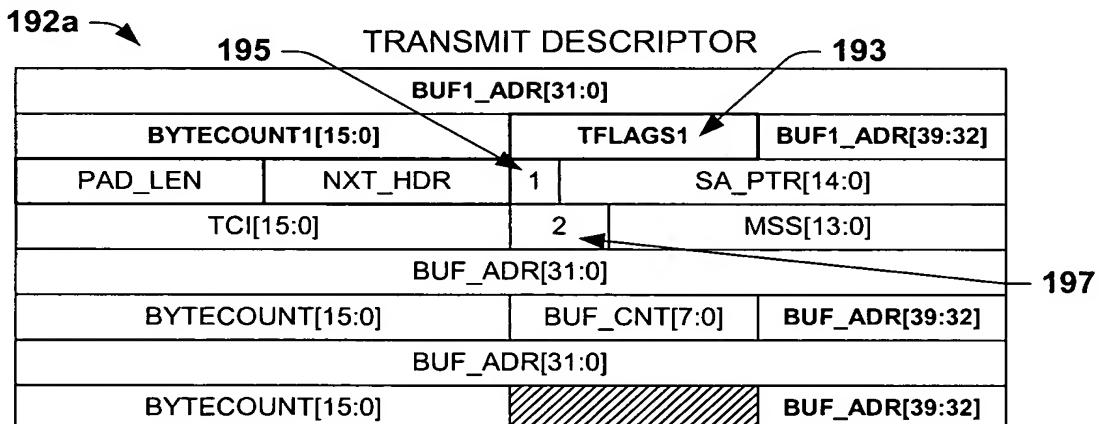


Fig. 5E

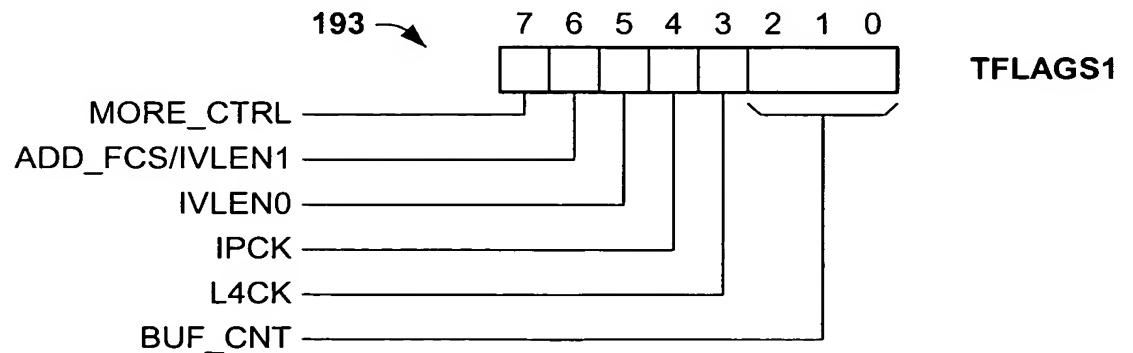


Fig. 5F

192b

RECEIVE DESCRIPTOR

BUF_ADR[31:0]		
RES	BUF_MULT[7:0]	BUF_ADR[39:32]

Fig. 5G

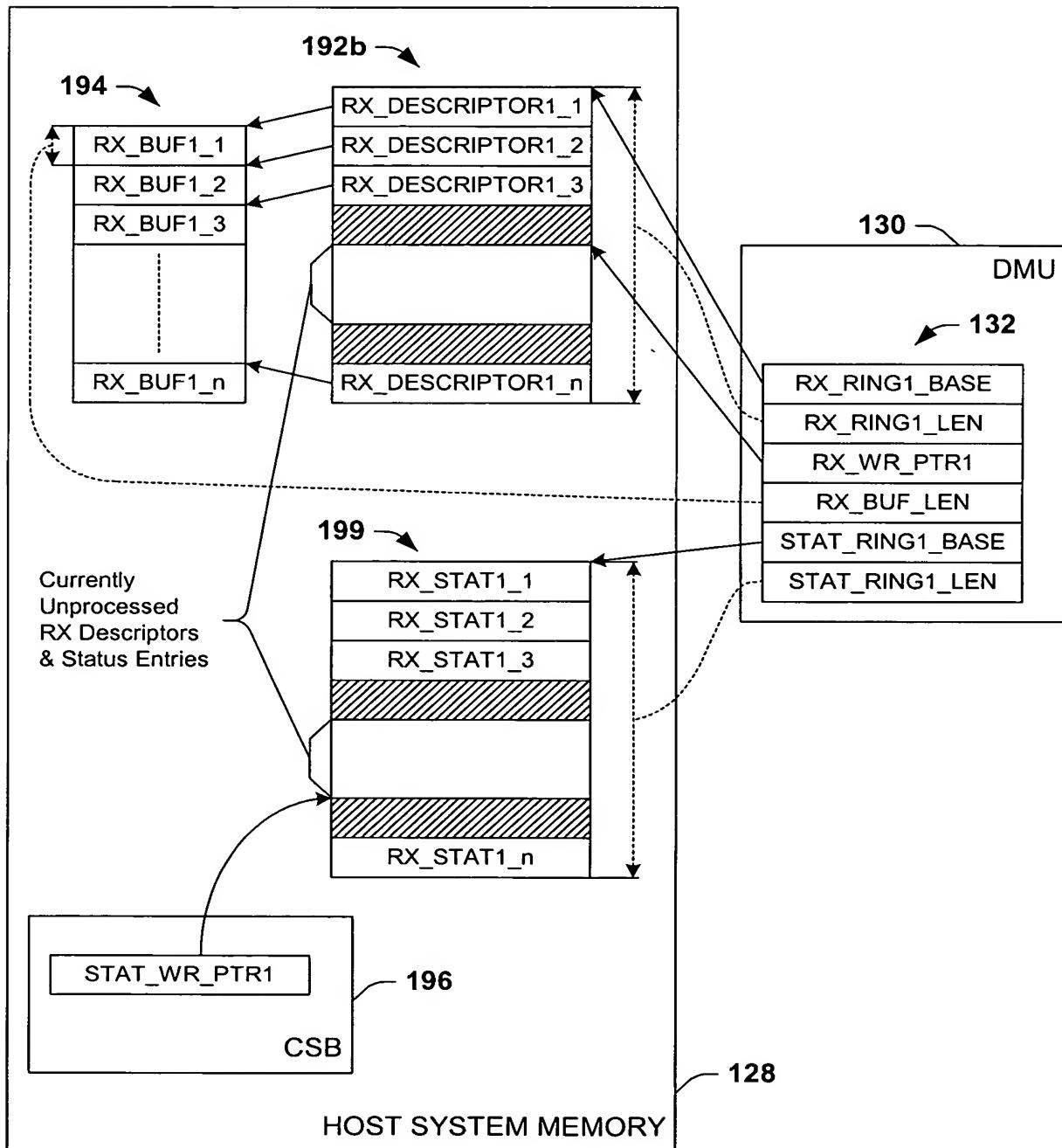


Fig. 5H

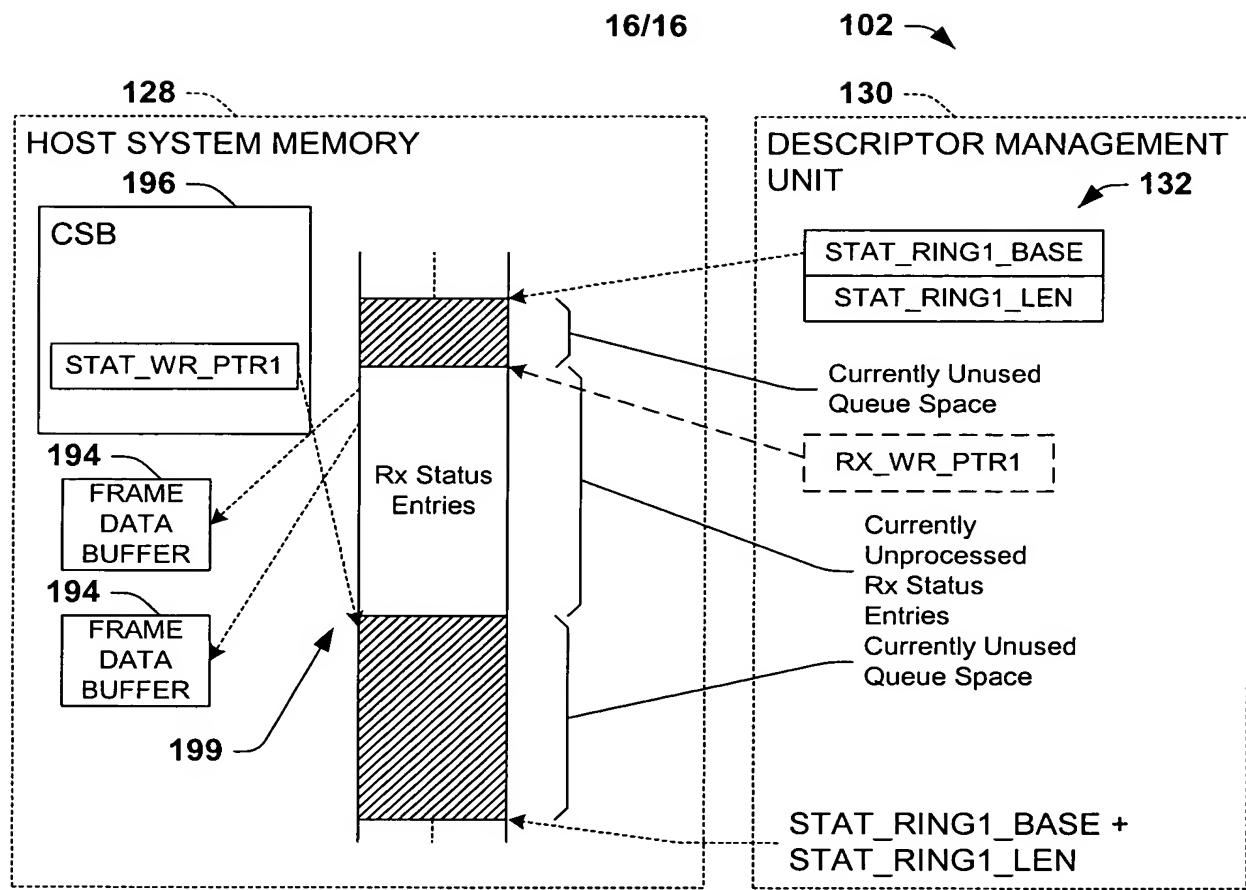


Fig. 5I

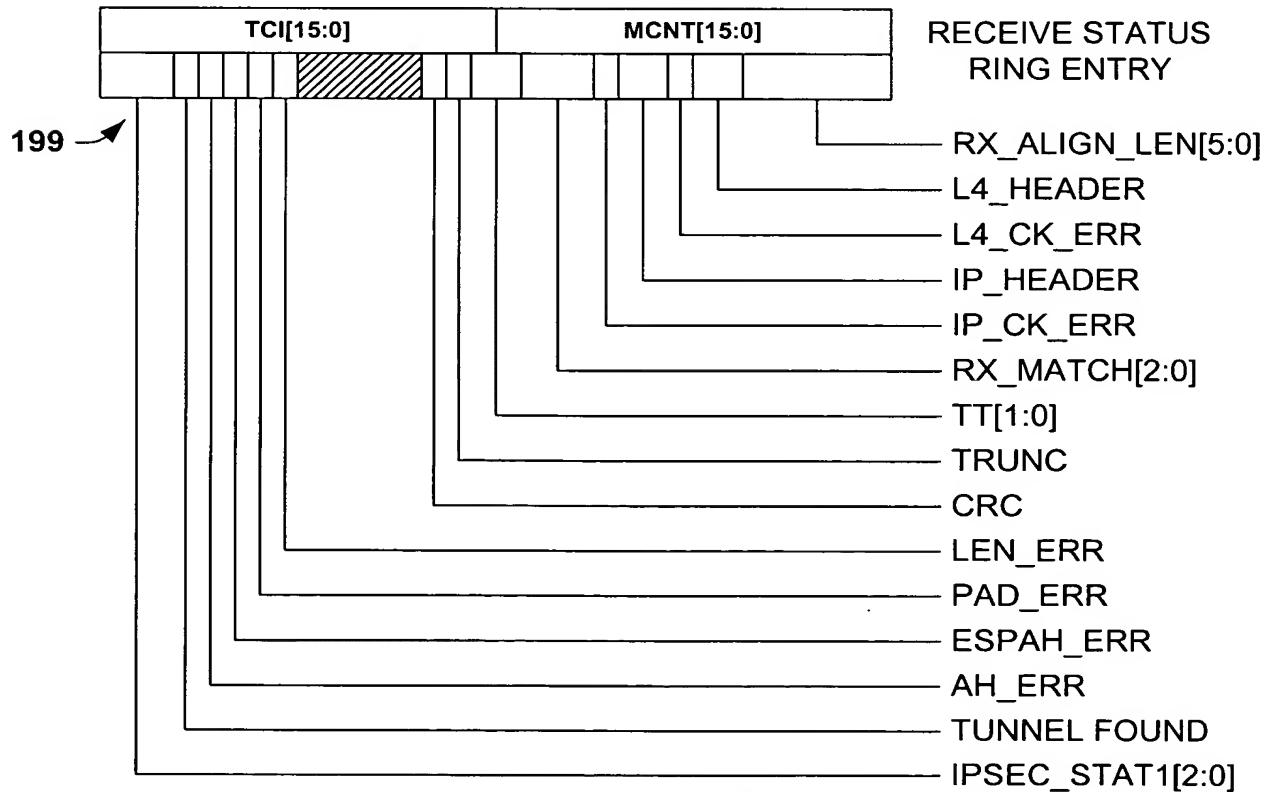


Fig. 5J